

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L19	5	(topology same (central adj service)) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 14:18
L20	1	(topology and router and mesh and hub and spoke and (central adj service)) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 14:36
L21	49	(table same CE same VPN) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 14:37
L22	45	(table same CE same VPN and PE) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 14:37
L23	45	("table" same CE same VPN and PE) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 15:37
L26	2	(remov\$5 same Customer same VPN same topology) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 15:58
L27	3	(modif\$5 same topology same mesh same spoke) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 16:00
L28	1	(chang\$5 same topology same mesh same spoke) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 16:02

## EAST Search History

L29	6727	((chang\$5 or modif\$5) with topology) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 16:02
L30	1457	((chang\$5 or modif\$5) adj topology) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 16:03
L31	4	((chang\$5 or modif\$5) adj topology) and VPN and mesh and spoke and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 16:05
L32	1	((chang\$5 or modif\$5) with mesh with spoke) and VPN and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 16:06
S1	21	MPLS and VRF and RT and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 10:10
S2	666	(Route adj Target) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 10:11
S3	2	(Route adj Target adj community) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 10:32
S9	3	(route adj target adj filtering)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 10:29

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S10	2	(Route adj Target adj community) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 10:32
S11	666	(Route adj Target) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 10:32
S12	19	(Route adj Target) and (VRF adj Table) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 10:55
S13	27	(Route adj Target) and (VRF) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 11:02
S14	8	(Route adj Target) and (VRF) and (@rlad<"20031215" or @ad<"20031215") not S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 08:48
S15	19	(Route adj Target) and (VRF adj Table) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 08:49
S17	266	(output same VRF) and (@rlad<"20031215" or @ad<"20031215") not S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 08:55
S18	29	(output same file same VRF) and (@rlad<"20031215" or @ad<"20031215") not S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 08:50

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S20	2	(output same VRF) and BGP and (@rlad<"20031215" or @ad<"20031215") not S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 08:58
S24	3	VRF and (output\$5 with topology) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:12
S25	65349	(print\$5 with output with (file or data or information)) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:13
S26	3	(print\$5 with output with (file or data or information)) and vrf and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:16
S29	471	(print\$5 with (file or data or information)) and mpls and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:16
S31	97	(print\$5 with output with (file or data or information)) and mpls and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:17
S33	3	(print\$5 with output with (file or data or information)) and mpls and router and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:32
S35	300	(print\$5) and mpls and router and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:33

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S36	3	(print\$5) and mpls and router and VRF and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:37
S37	1787	(print\$5 same topology) and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 14:07
S38	322	(print\$5 same topology) and router and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:38
S39	54	(print\$5 with topology) and router and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:39
S41	680	(print\$5 with (topology or routing)) and router and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:43
S43	5	(print\$5 with (topology or routing)) and router and BGP and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/13 09:40
S45	30	Buchanan and Fujitsu.as. and (@rlad<"20031215" or @ad<"20031215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/14 21:53

Day : Thursday  
Date: 7/12/2007

Time: 09:31:10

 **PALM INTRANET**

## Inventor Information for 10/736445

Inventor Name	City	State/Country
<u>CHEN, WENGE</u>	PLEASANTON	CALIFORNIA
<u>CHEN, HOLLY</u>	SAN RAMON	CALIFORNIA
<u>LIU, KUO-HUI</u>	SAN RAMON	CALIFORNIA
<u>SOON, SHIH CHUNG</u>	DUBLIN	CALIFORNIA
<u>ZHOU, BEI</u>	PLEASANTON	CALIFORNIA

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VRF "route target"

- 2003

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I Pepelnjak, J Guichard - 2000 - books.google.com

... Through Dynamic Default Routing 308 Dynamic Default Routing—Route Target Assignment

308 Association of the Global Routing Table with a VRF 310 Additional ...

Cited by 36 - [Related Articles](#) - [Web Search](#) - [Library Search](#)
[RFC 2547bis: BGP/MPLS VPN Fundamentals - all 23 versions »](#)

C Semeria, M Engineer - Juniper Networks White paper, mars, 2000 - mia.ece.uic.edu

... A PE router can only install a VPN-IPv4 route in a VRF if the route target attribute carried with the route matches one of the PE router VRFs import targets. ...

Cited by 6 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)
[System and method of virtual private network route target filtering](#)

L Mo, JH Buchanan, RT Gibson, N Yaseen - 2002 - freepatentsonline.com

... among PE routers by the use of route filtering based on a route target (RT) attribute ... The hub site's VRF table is configured with an export target=hub and an ...

[Cached](#) - [Web Search](#)
[A policy information model for RFC2547-Like IP VPNs - all 2 versions »](#)

A Gonguet, O Poupel - Proceedings of the IFIP TC6/WG6. 2 &amp; WG6. 7 Conference on ..., 2002 - www-rp.lip6.fr

... Site 1 VPN A Site 2 VPN A Core PE VRF PE VRF Import RT : A Export RT : null Import RT : null Export RT : A Figure 4: VRF Route Target management example ...

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[System and method for topology constrained QoS provisioning - all 2 versions](#)

»

RT Gibson, JH Buchanan, L MacFadyen, R MacCharles, ... - 2002 - freepatentsonline.com

... Any route associated with a Route Target T is distributed to every Provider Edge (PE) router that has a VRF associated with Route Target T. When such a route ...

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[Implementing a VPN service with policy rules - all 2 versions »](#)

H Abdelkrim, N Verhoeven - Proceedings of the IFIP TC6/WG6. 2 &amp; WG6. 7 Conference on ..., 2002 - www-rp.lip6.fr

... The "Route Target" object contains information in order to configure and monitor route targets [11] for a particular VRF. The ...

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[System and method for topology constrained routing policy provisioning - all 2 versions »](#)

JH Buchanan, L Mo, RT Gibson, A Choi - 2002 - freepatentsonline.com

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[book] **Mpls and Vpn Architectures**

J Guichard, I Pepelnjak - 2002 - books.google.com  
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**Resource allocation using an auto-discovery mechanism for provider-provisioned layer-2 and layer-3 ... - all 4 versions »**

H Ould-Brahim, D Fedyk - 2003 - freepatentsonline.com  
 ... least one PE tunnel endpoint; at least one community **route target**; topology information ...  
 132-136 may include Virtual Routing and Forwarding (**VRF**) implemented by ...  
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**Release 5.0 - all 6 versions »**

C Guide - Kubota Pacific Computer Inc., Santa Clara, CA, 1991 - juniper.net  
 Page 1. Juniper Networks, Inc. 1194 North Mathilda Avenue Sunnyvale, CA 94089 USA  
 408-745-2000 www.juniper.net Part Number: 530--004547-01, Revision 1 JUNOS™ ...  
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**VPN TECHNOLOGIES-A COMPARISON - all 14 versions »**

J Harrison - Data Connection Limited-http://www.dataconnection.com, 2003 - cnscenter.future.co.kr  
 ... CE device that belongs to VPN 1 and VPN 2 would only need 1 **VRF**. ... labels, together with a VPWS identifier (which is sent as a BGP **Route Target** extended community ...  
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[Ps] **Master of Science (Engineering)**

R SELECTION - 2002 - us.geocities.com  
 Page 1. ROUTE SELECTION AND VPN CREATION BASED ON MPLS-BGP TECHNIQUES  
 A Thesis  
 Submitted for the Degree of Master of Science (Engineering) ...  
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[book] **Advanced Mpls Design and Implementation - all 4 versions »**

V Alwayn - 2001 - books.google.com  
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[book] **MPLS Network Management: MIBs, Tools, and Techniques - all 2 versions »**

TD Nadeau - 2003 - books.google.com  
 Page 1. MPLS Network Management MIBs, Tools, and Techniques uiihlhiiiiiiuLi  
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VRF "route target"

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?
? s au=(Chen Wenge or Chen, Wenge or Chen W? or Chen, W?)
>>>W: One or more prefixes are unsupported
      or undefined in one or more files.
          0 AU=CHEN WENGE
          0 AU=CHEN, WENGE
          51 AU=CHEN W?
          1541 AU=CHEN, W?
S1      1592 S AU=(CHEN WENGE OR CHEN, WENGE OR CHEN W? OR CHEN, W?)

? S VRF and MPLS and RT
          493 VRF
          53391 MPLS
          165889 RT
S2      0 S VRF AND MPLS AND RT

? s VRF and RT
          493 VRF
          165889 RT
S3      1 S VRF AND RT

? s, s1 and s3
          1592 S1
          1 S3
S4      0 S S1 AND S3

? b 348, 349
```

[File 348] **EUROPEAN PATENTS** 1978-2007/ 200727

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? S AU=(CHEN WENGE OR CHEN, WENGE OR CHEN W? OR CHEN, W?)
      2 AU=CHEN WENGE
      0 AU=CHEN, WENGE
      893 AU=CHEN W?
      0 AU=CHEN, W?
S1      893 S AU=(CHEN WENGE OR CHEN, WENGE OR CHEN W? OR CHEN, W?)

? S VRF AND MPLS AND RT
      687 VRF
      2125 MPLS
      95737 RT
S2      19 S VRF AND MPLS AND RT

? S VRF AND RT
      687 VRF
      95737 RT
S3      98 S VRF AND RT

? S S1 AND S3
      893 S1
      98 S3
S4      0 S S1 AND S3

? s s1 and s2
      893 S1
      19 S2
S5      0 S S1 AND S2

?
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